

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-32. (Cancelled).

33. (Currently Amended) An OLED light source comprising:  
a substrate;  
a first electrode formed on said substrate;  
one or more organic electroluminescent active layers formed on said first electrode;  
a second electrode on said one or more organic electroluminescent active layers, wherein  
said first electrode and second electrode comprise an individually addressed segment, ~~wherein~~  
said first electrode and said second electrode are aligned in ~~the same~~ a first direction, ~~and wherein~~  
said segment has a length significantly greater than its width;  
a driver circuit electrically connected to said segment, ~~and further wherein said segment~~  
~~are is controlled~~ controllable by said driver circuit such that the chromaticity of ~~the~~ light output  
from said light source is selectable ~~to create a desired ambient light source.~~

34. (Currently Amended) The OLED light source as recited in ~~Claim~~ claim 33  
wherein said substrate comprises transparent glass.

35. (Currently Amended) The OLED light source as recited in ~~Claim~~ claim 33  
wherein said substrate comprises ~~one of a group, said group comprising a flexible plastic~~  
transparent material, a flexible metal foil, a flexible metalized plastic foil, a plastic foil  
comprising a conducting polymer layer as ~~the~~ a conductor ~~and or~~ a plastic foil comprising a  
conducting polymer layer with metal bus bars as ~~the~~ a conductor layer.

36. (Currently Amended) The OLED light source as ~~recite~~recited in ~~Claim-claim~~ claim 34 33 wherein said first electrode comprises ITO.

37. (Currently Amended) The OLED light source as recited in ~~Claim-claim~~ claim 33 wherein:  
\_\_\_\_\_ said first electrode comprises ~~one of a group of~~ Pedot, Pani ~~and~~ or a conducting polymer;  
and  
a low conductivity metal bus ~~lines~~line is connected to said ~~one of a group of~~ Pedot, Pani ~~and a conducting polymer~~first electrode.

38. (Currently Amended) The OLED light source as recited in ~~Claim-35~~ claim 33 wherein said substrate includes a metallic foil ~~comprises comprising~~ metal of a high work function metal.

39. (Currently Amended) The OLED light source as recited in ~~Claim-claim~~ claim 33 wherein said first electrode is ~~the~~an anode and said second electrode is ~~the~~a cathode.

40. (Currently Amended) The OLED light source as recited in ~~Claim-claim~~ claim 33 wherein said first electrode is ~~the~~a cathode and said second electrode is ~~the~~an anode.

41-43. (Cancelled)

44. (Currently Amended) The OLED light source as recited in ~~Claim-claim~~ claim 33 wherein said one or more organic electroluminescent active layers ~~further comprises a thick-hole~~ injection layer of approximately one micron in thickness.

45. (Currently Amended) The OLED light source as recited in claim 44 wherein said ~~thick-hole injection layers~~layer comprises a conducting polymer.

46. (Currently Amended) The OLED light source as recited in ~~Claim-claim~~ claim 33 wherein said one or more organic electroluminescent active layers comprises ~~one of a group, said group comprising~~ small organic molecules, organo-metallic molecules, conjugated polymers ~~and or~~ small molecule dispersions.

47. (Currently Amended) The OLED light source as recited in ~~Claim-claim~~ claim 33 wherein said one or more organic electroluminescent active layers is deposited using by one of ~~the group, said group comprising~~ ink jet printing, screen printing, off-set printing, electrostatic printing, gravure printing, flexo-graphic printing, laser-induced ~~and or~~ thermally induced transfer printing, and or shadow stencil masking.

48. (Currently Amended) The OLED light source as recited in ~~Claim-claim~~ claim 33 wherein said driver circuit is electrically connected to said segment by a control line ~~wherein and~~ said control line is current limited.

49. (Currently Amended) The OLED light source as recited in claim ~~Claim-claim~~ 33 wherein said segment has a linear shape.

50. (Currently Amended) The OLED light source as recited in claim ~~Claim-claim~~ 33 wherein said segment extends ~~the a~~ a full active area of said OLED light source.

51-53. (Cancelled)

54. (Currently Amended) ~~In an organic light emitting diode light source, said light source comprising separately addressable active segments, said segments comprising RGB lines, a controller for selectively driving each segment;~~

a method for controlling the output light from said an organic light emitting diode light source, the light source including separately addressable active segments, said segments

inputting color information to said controller;

driving said segments according to said input color information such that the output light from said light source correlates to said input color information, wherein each of said segments includes a first electrode and a second electrode, ~~and said first electrode and said second electrode are aligned in the same a first direction, and wherein each segment of said segments has a length significantly greater than its width.~~

55. (Currently Amended) The method as recited in ~~Claim-claim~~ claim 54 wherein said step of inputting color information further comprises inputting color information received from a user.

56. (Currently Amended) The method as recited in ~~Claim-claim~~ claim 54 wherein said step of inputting color information further comprises inputting color information received from a light sensor.

57. (Currently Amended) The method as recited in claim ~~Claim~~ 54 wherein said step of driving said segments further comprises separately driving groups of red segments, groups of green segments, and groups of blue segments in said light source.

58. (Currently Amended) The method as recited in claim ~~Claim~~ 54 wherein said step of driving said segments further comprises separately driving separate regions of said light source.

59. (Currently Amended) A fault-tolerant OLED light source comprising:  
a plurality of independently addressable light segments; ~~each segment of said segments electrically isolated from one another other said segments such that an electrical short in one segment of said segments does not short any other light segment; and~~  
a controller capable of driving said plurality of independently addressable light segments, wherein each ~~said plurality of light segments~~ segment includes a first electrode and a second electrode, ~~and said first electrode and said second electrode are aligned in the same a first~~

direction, and ~~wherein each of said plurality of light segments~~segment has a length significantly greater than its width.

60. (Currently Amended) The fault-tolerant OLED light source as recited in ~~Claim~~  
claim 59 further comprising a means for limiting current so that during operation of the light  
source, wherein the current flowing to each said segment is limited from said controller such that  
a short in one segment does not short all of the segments of the ~~entire~~ light source.